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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
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| 09/634,552      | 08/08/2000  | Ahmadreza Rofougaran | 36601/CAG/B600      | 4410             |

7590 06/02/2006

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EXAMINER

LY, NGH I H

ART UNIT

PAPER NUMBER

2617

DATE MAILED: 06/02/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

|   |                                      |  |  |
|---|--------------------------------------|--|--|
| <b>Advisory Action</b><br><b>Before the Filing of an Appeal Brief</b> | <b>Application No.</b><br>09/634,552 | <b>Applicant(s)</b><br>ROFOUGARAN ET AL. |  |
|   | <b>Examiner</b><br>Nghi H. Ly        | <b>Art Unit</b><br>2617                  |  |

**--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**

THE REPLY FILED 31 March 2006 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE.

1. ☒ The reply was filed after a final rejection, but prior to or on the same day as filing a Notice of Appeal. To avoid abandonment of this application, applicant must timely file one of the following replies: (1) an amendment, affidavit, or other evidence, which places the application in condition for allowance; (2) a Notice of Appeal (with appeal fee) in compliance with 37 CFR 41.31; or (3) a Request for Continued Examination (RCE) in compliance with 37 CFR 1.114. The reply must be filed within one of the following time periods:

- a) ☐ The period for reply expires \_\_\_\_\_ months from the mailing date of the final rejection.  
 b) ☒ The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.

Examiner Note: If box 1 is checked, check either box (a) or (b). ONLY CHECK BOX (b) WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### NOTICE OF APPEAL

2. ☐ The Notice of Appeal was filed on \_\_\_\_\_. A brief in compliance with 37 CFR 41.37 must be filed within two months of the date of filing the Notice of Appeal (37 CFR 41.37(a)), or any extension thereof (37 CFR 41.37(e)), to avoid dismissal of the appeal. Since a Notice of Appeal has been filed, any reply must be filed within the time period set forth in 37 CFR 41.37(a).

#### AMENDMENTS

3. ☐ The proposed amendment(s) filed after a final rejection, but prior to the date of filing a brief, will not be entered because  
 (a) ☐ They raise new issues that would require further consideration and/or search (see NOTE below);  
 (b) ☐ They raise the issue of new matter (see NOTE below);  
 (c) ☐ They are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or  
 (d) ☐ They present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: \_\_\_\_\_. (See 37 CFR 1.116 and 41.33(a)).

4. ☐ The amendments are not in compliance with 37 CFR 1.121. See attached Notice of Non-Compliant Amendment (PTOL-324).  
 5. ☐ Applicant's reply has overcome the following rejection(s): \_\_\_\_\_.  
 6. ☐ Newly proposed or amended claim(s) \_\_\_\_\_ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).  
 7. ☒ For purposes of appeal, the proposed amendment(s): a) ☐ will not be entered, or b) ☒ will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.  
 The status of the claim(s) is (or will be) as follows:  
 Claim(s) allowed: \_\_\_\_\_.  
 Claim(s) objected to: \_\_\_\_\_.  
 Claim(s) rejected: 1-24,32-43,51-77,85-90,92-105,112-123 and 164.  
 Claim(s) withdrawn from consideration: \_\_\_\_\_.

#### AFFIDAVIT OR OTHER EVIDENCE

8. ☐ The affidavit or other evidence filed after a final action, but before or on the date of filing a Notice of Appeal will not be entered because applicant failed to provide a showing of good and sufficient reasons why the affidavit or other evidence is necessary and was not earlier presented. See 37 CFR 1.116(e).  
 9. ☐ The affidavit or other evidence filed after the date of filing a Notice of Appeal, but prior to the date of filing a brief, will not be entered because the affidavit or other evidence failed to overcome all rejections under appeal and/or appellant fails to provide a showing of good and sufficient reasons why it is necessary and was not earlier presented. See 37 CFR 41.33(d)(1).  
 10. ☐ The affidavit or other evidence is entered. An explanation of the status of the claims after entry is below or attached.

#### REQUEST FOR RECONSIDERATION/OTHER

11. ☒ The request for reconsideration has been considered but does NOT place the application in condition for allowance because: see attached.  
 12. ☐ Note the attached Information Disclosure Statement(s). (PTO/SB/08 or PTO-1449) Paper No(s). \_\_\_\_\_.  
 13. ☐ Other: \_\_\_\_\_.

*Marsha D Banks-Harold*  
 MARSHA D. BANKS-HAROLD  
 SUPERVISORY PATENT EXAMINER  
 TECHNOLOGY CENTER 2600

## DETAILED ACTION

### ***Response to Arguments***

1. Applicant's arguments filed 03/31/06 have been fully considered but they are not persuasive.

On pages 2-4 and 6 of Applicant's remarks, Applicant argues that Meador and/or Gorsuch does not teach (or does not mean) programming one of the receiver and transmitter to process communication protocol for a local area network or personal area network.

The examiner, however, disagrees. Gorsuch does indeed teach programming one of the receiver and transmitter to process communication protocol for a local area network or personal area network (see Fig.6, antenna 150 reads on Applicant's "one of the receiver and transmitter" and column 10, lines 50-59, see "W-LAN" and see "implement in software". Gorsuch teaches "implement in software", the teaching of Gorsuch does indeed teach applicant's "programming", or Gorsuch's "implement in software" reads on Applicant's "programming". Gorsuch, column 2, lines 42-46, further teaches "It would therefore be desirable to have a device which can automatically select the cheaper and faster W-LAN". Gorsuch teaches "automatically select", Gorsuch inherently teaches Applicant's "programming", if not, as alleges by the applicant, the device of Gorsuch will not be able to "automatically select". In addition, Applicant's claims fail to further disclose how "programming" is. Therefore, Gorsuch does indeed teach Applicant's claimed limitation with a broadest reasonable interpretation) or personal area network (also see Fig.6, box 240 and column 10, lines 50-59, see "IEEE 802.11"). In addition, Applicant attention is directed to the teaching of Meador, Gorsuch and Janc in claims 1, 32, 51, 66, 85, 112 and 164 in the previous Office action.

On pages 5 and 6 of Applicant's remarks, Applicant argues that Chen does not mention a VCO.

In response to Applicant's argument that the references fail to show certain features of applicant's invention, it is noted that the features upon which Applicant relies (i.e., "VCO") are not recited in the rejected claim(s). Although the claims are interpreted in light of the specification, limitations from the specification are not read into the claims. See *In re Van Geuns*, 988 F.2d 1181, 26 USPQ2d 1057 (Fed. Cir. 1993). In addition, the acronym "VCO" can be anything and the Applicant's claims merely recite "fvco". Therefore, Chen does indeed teach Applicant's claimed limitation with a broadest reasonable interpretation. In addition, Applicant attention is directed to the teaching of Chen in the previous Office action

For the above reasons, the examiner believes that the rejections to claims are proper.

### ***Conclusion***

2. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Nghi H. Ly whose telephone number is (571) 272-7911. The examiner can normally be reached on 8:30 am-5:30 pm Monday-Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Marsha Banks-Harold can be reached on (571) 272-7905. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2617

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Nghi H. Ly

A handwritten signature in black ink, appearing to read 'Nghi H. Ly', written in a cursive style.